

WHAT IS CLAIMED IS:

1. A method of processing files including a first
and second apparatuses, each apparatus for recording
image data in a built-in recording medium in a manner
5 of complying with a file-managing structure compatible
with a DCF standard, and permitting the first and the
second apparatus to mutually transmit the recorded
image data therebetween, wherein

10 a virtual directory name in a form not defined as
the DCF standard can be set with respect to a directory
recorded in each recording medium of the first and
second apparatus in a manner of complying with the
file-managing structure compatible with the DCF
standard,

15 a virtual directory management file, wherein the
virtual directory name is to be compatible with a
directory name that corresponds to the virtual
directory name and complies with the DCF standard, is
formed, and

20 the file on virtual directory management is to be
maintained, although the image data is transmitted
mutually between the first and second apparatus.

25 2. The method according to claim 1, wherein the
first and second apparatus refer to the file on virtual
directory management by specifying the virtual
directory name and find a directory corresponding to
the specified virtual directory name from the DCF

standardized file-managing structure recorded in the recording medium.

3. The method according to claim 1, wherein a directory having the file-managing structure compatible with the DCF standard and the virtual directly management file not defined by the DCF standard have different extensions.

4. The method according to claim 1, wherein the first apparatus is a digital camera and the second apparatus is a personal computer.

5. The method according to claim 1, wherein the first and second apparatuses are digital cameras.

6. An apparatus of processing files including a first apparatus for recording image data in a built-in recording medium in a manner of complying with a file-managing structure compatible with a DCF standard, and a second apparatus, connected to the first apparatus in a manner capable of transmitting data, for recording image data in a built-in recording medium in a manner of complying with a file-managing structure compatible with a DCF standard, comprising:

input means for inputting and setting a virtual directory name in a form not defined as the DCF standard with respect to a directory recorded in each recording medium of the first and second apparatus in a manner of complying with the file-managing structure compatible with the DCF standard; and

recording means for defining the virtual directory name input by the input means as a recording name, forming a virtual directory management file, wherein the virtual directory name is to be compatible with a
5 directory name that corresponds to the virtual directory name and complies with the DCF standard, and recording the file on virtual directory management in the recording medium, wherein

the file on virtual directory management is to be
10 maintained, whereas the image data is transmitted mutually between the first and second apparatus.

7. The apparatus according to claim 6, wherein the first and second apparatus comprise control means for referring to the file on virtual directory
15 management by specifying the virtual directory name and finding a directory corresponding to the specified virtual directory name from the DCF standardized file-managing structure recorded in the recording medium.

8. The apparatus according to claim 6, wherein a
20 directory having the file-managing structure compatible with the DCF standard and the virtual directly management file not defined by the DCF standard have different extensions.

9. The apparatus according to claim 6, wherein
25 the first apparatus is a digital camera and the second apparatus is a personal computer.

10. The apparatus according to claim 6, wherein

the first and second apparatuses are digital cameras.

11. An apparatus of processing files including a first apparatus for recording image data in a built-in recording medium in a manner of complying with a file-managing structure compatible with a DCF standard, and a second apparatus, connected to the first apparatus in a manner capable of transmitting data, for recording image data in a built-in recording medium in a manner of complying with a file-managing structure compatible with a DCF standard, comprising:

an input section inputting and setting a virtual directory name in a form not defined as the DCF standard with respect to a directory recorded in each recording medium of the first and second apparatus in a manner of complying with the file-managing structure compatible with the DCF standard; and

a recording section defining the virtual directory name input by the input section as a recording name, forming a virtual directory management file, wherein the virtual directory name is to be compatible with a directory name that corresponds to virtual directory name and complies with the DCF standard, and recording the file on virtual directory management in the recording medium, wherein

the file on virtual directory management is to be maintained, whereas the image data is transmitted mutually between the first and second apparatus.

12. The apparatus according claim 11, wherein the first and second apparatus comprise control sections for referring to the file on virtual directory management by specifying the virtual directory name and
5 find a directory corresponding to the specified virtual directory name from the DCF standardized file-managing structure recorded in the recording medium.

13. The apparatus according to claim 11, wherein a directory having the file-managing structure compatible with the DCF standard and the virtual directly
10 management file not defined by the DCF standard have different extensions.

14. The apparatus according to claim 11, wherein the first apparatus is a digital camera and the second
15 apparatus is a personal computer.

15. The apparatus according to claim 11, wherein the first and second apparatuses are digital cameras.

16. A recording medium for file management in which image data is recorded in a manner of complying
20 with a file-managing structure compatible with a DCF standard, wherein

a file on virtual directory management, wherein a virtual directory name in a form not defined as the DCF standard is to be compatible with a directory name that
25 corresponds to the virtual directory name and complies with the DCF standard, is recorded with respect to a directory recorded in a manner of complying with the

file-managing structure compatible with the DCF standard.

17. The recording medium according to claim 16,
wherein a directory having the file-managing structure
5 compatible with the DCF standard and the virtual
directly management file not defined by the DCF
standard have different extensions.